

Team Shock'em Meeting Minutes

Time: 4:30pm – 5:30pm

Date: 1/16/2020

Location: CNR 205F

Attendance

Austin Grieve

Samantha Baran

Xuyue Gu

Ziqing Zhu

Feng Li

Lauren Smith

Jason Karl

Peter Baran

Topics of Discussion

1. Set a new meeting time to be Wednesdays at 4:30 in the same room, CNR 205F
2. Peter would like to multiplex antennas to reduce active beacons and reduce final cost.
 - a. Would like to see three antennas
 - b. Needs a digital/ controllable antenna switch
 - c. Needs a stand / mount that can support antennas 10 feet in the air
3. The last field test revealed that placing the antennas higher of the ground allowed the beacons to reach further and have fewer interruptions
 - a. A post / stand needs to be built to suspend the antennas about ten feet in the air

To Do

1. Samantha and Lauren will continue to work on the code
2. Austin will design a stand for the antenna
3. Xuyue and Ziqing will look for a multiplex solution